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MONITORING NEEDS IN PASTURES

	Thousand Acres			
	1941	1942	1943	1944
Illinois	0.6	0.8	53.1	161.0
Indiana	0.4	1.0	16.9	92.3
Iowa	9.4	28.0	92.7	--
Michigan	0.2	--	0.1	--
Minnesota	0.7	42.0	171.6	333.8
Missouri	52.9	332.6	956.9	1,687.9
Nebraska	--	--	169.1	375.3
Ohio	20.3	47.7	206.1	332.9
South Dakota	--	23.4	91.9	186.3
Wisconsin	5.5	18.0	118.8	327.4
Total	80.0	481.6	1,857.2	3,496.9

PREPARATION OF SEEDBED FOR PASTURE SEEDING

	Acres			
	1942	1943	1944	
Illinois	60	1,978	--	--
Indiana	--	150	--	--
Iowa	2,052	4,897	--	--
Michigan	276	1,274	--	--
Minnesota	169,702	305,083	--	--
Missouri	1,299	41,278	121,489	--
Nebraska	--	7,446	28,431	--
Ohio	28	1,023	2,540	--
South Dakota	37,835	37,977	66,364	--
Wisconsin	714	6,346	14,861	--
Total	200,966	407,469	230,496	--

CONSTRUCTION OF RANGE FIREQUADS

	Thousand Linear Feet			
	1942	1943	1944	
Nebraska	--	2,067.4	1,770.0	--
South Dakota	7,634.3	16,123.5	17,401.0	--
Total	--	18,180.9	19,171.0	--

CONSTRUCTION OF WELLS FOR LIVESTOCK WATER

	Thousand Linear Feet			
	1938	1939	1940	1941
Nebraska	114.4	137.6	157.6	--
South Dakota	14.5	23.2	42.0	54.7
Total	128.9	160.8	199.6	54.7

DAMS FOR LIVESTOCK WATER

	Thousand Cubic Yards			
	1937	1938	1939	1940
Illinois	--	--	49.2	15.7
Indiana	--	--	0.2	8.8
Iowa	--	--	15.8	543.8
Michigan	--	--	--	546.6
Minnesota	--	--	1.2	--
Missouri	--	200.3	4,247.2	3,717.1
Nebraska	140.9	216.0	685.8	2,479.6
Ohio	--	--	3.5	--
South Dakota	2,941.8	6,262.8	10,241.0	8,894.6
Wisconsin	--	0.3	1.1	--
Total	2,168.3	3,156.8	7,156.2	17,571.6

HAY CARRY-OVER

	Thousand Tons			
	1943	1944	1945	1946
Nebraska	480.4	285.3	275.9	1,079.8
South Dakota	1,164.1	561.2	561.2	1,246.0
Total	--	--	--	--

STORAGE OF SILAGE

	Thousand Tons			
	1942	1943	1944	1945
Nebraska	228.8	133.8	77.8	9.4
South Dakota	206.6	19.7	87.2	--
Total	434.4	153.5	--	--

DEVELOPMENT OF SPRINGS AND SEEPS

	Cubic Feet			
	1938	1939	1940	1941
Nebraska	8,991	4,540	6,679	3,039
South Dakota	95,320	79,431	74,687	67,750
Total	104,311	83,971	81,368	70,789

DEFERRED GRAZING

	Thousand Acres			
	1938	1939	1940	1941
Nebraska	2,324.2	2,641.0	2,655.2	694.2
South Dakota	3,435.3	626.0	1,283.5	1,480.6
Total	5,759.5	3,267.0	3,938.7	2,174.7

CLEARING LAND FOR CROPPING

	Acres			
	1942	1943	1944	
Michigan	1,279	2,640	5,190	--
Minnesota	6,980	11,777	20,596	--
Wisconsin	4,975	9,066	23,318	--
Total	13,234	23,483	49,103	--

CLEARING LAND FOR PASTURE

	Acres			
	1941	1942	1943	1944
Michigan	799	773	1,486	1,729
Minnesota	7,311	45,163	36,830	61,908
Wisconsin	--	8,616	17,044	--
Total	15,662	70,213	55,160	82,178

TILLAGE FOR WATER CONSERVATION

	Thousand Acres			
	1942	1943	1944	
Nebraska	672.9	1,067.0	1,101.3	--
South Dakota	1,602.0	2,848.2	3,062.8	--
Total	2,274.9	3,915.2	4,164.1	--

PERFORMANCE DATA ON FARMS PARTICIPATING IN THE AAA PROGRAMS

GROUND LIME - EQUIVALENT

	Thousand Tons						
	1937	1938	1939	1940	1941	1942	1943
Illinois	645.00	579.30	633.10	2,012.90	2,151.10	3,343.00	3,895.70
Indiana	249.20	201.70	170.30	677.30	847.90	1,381.30	1,723.60
Iowa	218.60	203.00	192.80	1,016.40	982.20	1,956.30	2,089.20
Michigan	251.90	166.10	294.50	444.20	444.20	702.90	561.40
Minnesota	31.20	15.90	10.20	41.90	123.80	333.10	333.10
Missouri	195.70	206.50	169.70	1,131.50	1,370.00	1,676.60	1,584.20
Nebraska	0.10	0.60	0.40	0.01	0.10	0.40	0.40
Ohio	293.00	202.00	248.60	636.30	706.40	1,447.30	1,568.90
South Dakota	406.00	182.70	249.60	692.90	760.90	1,638.70	2,168.90
Wisconsin	2,290.70	1,746.80	1,969.20	6,506.40	7,385.60	12,480.10	13,925.00
Total							

20% SUPERPHOSPHATE - EQUIVALENT

	Tons						
	1937	1938	1939	1940	1941	1942	1943
Illinois	1,232.0	1,979.0	2,146.4	5,677.0	11,212.0	46,650.0	86,275.0
Indiana	39.4	176.8	440.8	1,263.5	6,845.0	16,120.0	89,990.0
Iowa	259.3	172.4	228.0	1,020.8	4,703.0	14,884.0	31,584.0
Michigan	814.8	864.5	580.0	1,862.8	10,144.0	42,657.0	76,417.0
Minnesota	389.6	117.2	49.6	269.8	11,978.0	14,115.0	29,644.0
Missouri	1,210.2	925.8	596.2	6,915.1	13,441.0	30,783.0	81,231.0
Nebraska	15.4	4.5	--	6.2	14.6	14.0	885.0
Ohio	614.1	1,640.7	1,181.6	5,661.2	11,066.6	22,946.0	99,236.0
South Dakota	1.7	--	--	0.8	--	27.0	15.0
Wisconsin	1,192.8	851.0	553.6	7,854.4	22,992.0	54,106.0	115,824.0
Total	5,769.3	6,820.9	5,775.2	30,021.3	92,428.0	241,281.0	580,350.0

APPLICATION OF MULCHING MATERIALS ON ORCHARDS AND VEGETABLE LAND

50% MURIATE OF POTASH

	Tons						
	1937	1938	1939	1940	1941	1942	1943
Illinois	3.1	251.9	3.0	132.0	62.9	1,238.0	852.0
Indiana	1.2	18.3	7.0	15.2	2,314.0	11,294.0	11,294.0
Iowa	1.3	5.3	1.0	3.8	6.2	596.0	781.0
Michigan	100.0	240.8	183.0	321.4	384.0	7,140.0	12,342.0
Minnesota	2.1	7.0	24.0	21.4	17.1	56.0	598.0
Missouri	--	--	--	--	3.1	272.0	1,012.0
Nebraska	1.0	5.4	12.0	19.2	79.6	2,412.0	15,586.0
Ohio	71.0	168.6	162.0	548.3	1,029.4	10,358.0	16,501.0
South Dakota	179.7	697.3	392.0	1,061.3	1,635.4	24,387.0	58,866.0
Wisconsin							
Total							

Tons

	1937	1938	1939	1940	1941	1942	1943	1944
Illinois	750	856	904	2,115	608	480	6,493	9,134
Indiana	707	1,208	574	1,065	1,971	2,745	2,751	2,848
Iowa	100	120	437	1,457	675	59	110	83
Michigan	2,162	8,750	6,755	17,650	15,031	10,883	11,484	12,928
Minnesota	--	39	52	369	186	392	319	969
Missouri	379	687	481	1,372	554	1,146	1,593	--
Nebraska	--	--	--	--	3	13	--	--
Ohio	3,900	3,453	7,251	11,041	9,768	8,454	11,508	12,207
South Dakota	802	1,295	1,307	3,260	4,008	4,811	2,994	4,803
Wisconsin	8,800	16,388	17,861	37,331	32,804	28,783	37,252	42,970
Total								

TREE PLANTING

	Acres						
	1936	1937	1938	1939	1940	1941	1942
Illinois	41	120	30	73	2,042	2,018	5,720
Indiana	61	11	150	284	2,175	1,373	1,168
Iowa	140	215	69	80	2,025	1,376	395
Michigan	--	682	648	3,755	4,775	3,917	3,178
Minnesota	35	1,428	732	1,453	5,689	2,436	5,000
Missouri	1,239	3,866	136	187	2,129	1,467	2,476
Nebraska	152	280	128	6,800	9,612	7,007	4,801
Ohio	2,936	3,499	5,539	3,884	11,157	1,437	614
South Dakota	315	290	645	1,183	8,538	4,333	5,642
Wisconsin	5,910	10,834	18,042	48,377	32,379	36,736	25,283
Total							

TREE MAINTENANCE

	Acres						
	1937	1938	1939	1940	1941	1942	1943
Illinois	--	140	93	92	73	120	106
Indiana	--	166	70	74	57	152	192
Iowa	--	140	29	123	109	82	34
Michigan	--	647	3,012	3,684	3,128	2,727	3,233
Minnesota	--	1,378	1,328	4,614	3,129	5,619	784
Missouri	--	41	193	348	231	366	28,719
Nebraska	1,936	7,192	31,121	38,892	36,211	36,087	1,189
Ohio	--	94	202	647	576	246	28,719
South Dakota	2,503	9,834	26,795	43,136	43,568	47,223	36,583
Wisconsin	--	163	809	5,019	4,683	7,665	10,892
Total	4,439	19,766	63,653	96,629	91,645	98,187	81,731

MULCHING FLOW - OUTS

	Tons	
	1944	1945
Nebraska	66,806	
South Dakota	16,238	
Total	83,044	

OPEN FARM DITCHES

	Thousand Cubic Yards	
	1942	1943
Illinois	--	--
Indiana	--	42.0
Iowa	--	--
Michigan	2.1	86.4
Minnesota	75.3	1,471.8
Missouri	--	1,109.3
Nebraska	--	--
Ohio	--	403.9
South Dakota	--	463.5
Wisconsin	74.7	1,448.1
Total	152.1	2,977.4

EXCAVATION OF DITCHES FOR TILE DRAINAGE

	Thousand Rods	
	1944	1945
Illinois	276.9	
Indiana	143.9	
Iowa	1,340.1	
Michigan	256.9	
Minnesota	662.0	
Missouri	6.1	
Nebraska	0.4	
Ohio	545.7	
South Dakota	2.1	
Wisconsin	65.9	
Total	3,296.0	

PROTECTING SUMMER FALLOW

Thousand Acres

	1937	1938	1939	1940	1941	1942	1943	1944
Minnesota	798.2	826.4	1,004.2	1,136.2	1,199.0	1,362.7	1,562.7	1,816.8
Nebraska	1,635.1	328.4	617.7	802.6	569.7	472.8	181.6	249.5
South Dakota	2,451.5	1,154.8	1,521.9	1,758.7	1,758.7	2,243.1	1,405.2	1,970.0
Total								

PROTECTING FALLOW

Thousand Pounds

	1938	1939	1940	1941	1942	1943	1944
Illinois	21.3	201.0	419.9	450.4	176.3	618.5	40.0 1/2
Indiana	50.5	87.0	608.4	461.2	115.6	361.4	177.8
Iowa	92.0	187.2	491.1	549.1	295.1	729.9	778.3
Michigan	21.0	27.9	258.5	269.7	3.0	3.0	--
Minnesota	14.9	37.5	325.5	269.7	1,911.9	476.7	651.5
Missouri	1,358.4	5,532.7	6,276.0	2,508.2	3,287.4	8,670.3	4,644.0
Nebraska	88.4	142.1	549.4	576.8	499.2	820.2	2,040.6
Ohio	22.8	245.2	688.0	209.7	87.1	216.6	217.1
South Dakota	192.0	428.8	116.9	83.4	142.9	156.0	1,459.3
Wisconsin	185.1	525.6	840.2	481.3	415.0	391.9	689.6
Total	2,023.4	7,382.8	10,551.7	5,577.6	6,924.4	13,482.7	10,517.6

WEED CONTROL - CHEMICAL

Thousand Pounds

	1942	1943	1944
Illinois	--	6.10	51.00
Indiana	2.10	8.30	6.60
Iowa	42.20	106.20	299.30
Michigan	--	0.08	5.10
Minnesota	76.90	702.20	1,426.80
Missouri	12.80	128.30	43.10
Nebraska	114.70	711.90	1,691.20
Ohio	--	5.00	7.40
South Dakota	56.60	125.30	235.90
Wisconsin	17.00	58.20	227.30
Total	320.00	1,980.53	3,990.70

WEED CONTROL - TILLAGE

Acres

	1939	1940	1941	1942	1943	1944
Illinois	1/2	1/2	1/2	--	25	348
Indiana	--	32	41	54	13	179
Iowa	19	272	1,088	1,822	961	2,986
Michigan	--	--	25,208	33,531	56,061	93,501
Minnesota	69	1,146	15,445	193,794	257,187	205,461
Missouri	--	--	696	505	114	1,001
Nebraska	1,472	2,581	17,714	26,511	24,501	18,820
Ohio	--	--	40	33	72	21
South Dakota	1,872	12,425	17,782	29,765	16,589	16,588
Wisconsin	863	20,940	29,125	138,505	279,302	508,564
Total	4,594	37,406	104,125	424,298	629,726	847,587

1/2 Includes acreage on which chemicals are used.

SANDING CHAMBERLY ROCK

Acres

	1937	1938	1939	1940	1941	1942	1943
Michigan	--	--	11	7	--	--	--
Minnesota	--	--	7	--	--	--	--
Wisconsin	146	284	339	514	487	378	178
Total	146	284	357	529	487	414	178

Acres

	1936	1937	1938	1939	1940	1941	1942	1943	1944
Illinois	215,593	1,166	5,367	5,889	117,817	17,006	140,504	1,177,925	505,800
Indiana	79,890	710	7,788	3,909	117,937	36,284	39,898	1,111,294	1,111,294
Iowa	44,901	158	1,446	593	31,581	5,790	412,551	1,521,970	1,521,970
Michigan	35,851	2,419	53,694	96,001	146,109	106,446	148,776	997,185	300,087
Minnesota	14,416	86	1,706	67,478	21,429	24,674	214,841	3,206,728	784,886
Missouri	77,622	311	--	2,825	36,999	18,689	68,543	3,297,613	246,416
Nebraska	827	--	266	7,988	614	9,210	471,962	783,966	669,919
Ohio	39,078	5,200	6,887	19,518	63,371	29,360	26,695	413,749	169,217
South Dakota	86	--	--	122	360	8,508	191,158	488,235	547,808
Wisconsin	15,333	366	3,991	14,282	23,860	19,116	24,695	356,789	110,200
Total	619,691	10,402	51,514	218,693	659,066	277,223	1,739,402	7,510,058	4,958,637

WATER COVER CROPS

Acres

	1937	1938	1939	1940	1941	1942	1943	1944
Illinois	1,800	1/2	1/2	1/2	1/2	1/2	2,445	104,496
Indiana	79	--	--	--	--	--	19,983	2,091
Iowa	97	--	--	--	--	--	178	90,467
Michigan	42,804	--	--	--	--	--	69,566	7,913
Minnesota	30	--	--	--	--	--	7,913	43,086
Missouri	275	--	--	--	--	--	66,096	70,446
Nebraska	--	--	--	--	--	--	223,491	242,622
Ohio	1,560	--	--	--	--	--	10,426	36,562
South Dakota	--	--	--	--	--	--	17,056	57,901
Wisconsin	3,010	--	--	--	--	--	64,615	67,901
Total	49,435	--	--	--	--	--	499,497	664,406

1/2 No payment offered.

NO. 1 KNEE CROPS

Thousand Acres

	1938	1939	1940	1941	1942	1943	1944
Illinois	--	--	0.50	1.50	4.00	1.00	2.80
Indiana	--	--	0.09	0.70	0.90	1.00	1.80
Iowa	--	--	0.08	0.04	0.06	--	--
Michigan	--	--	2.10	16.60	11.40	11.80	49.40
Minnesota	--	--	0.10	0.20	0.10	2.00	--
Missouri	--	--	0.20	0.20	0.20	0.30	--
Nebraska	26.70	71.30	60.10	80.90	126.90	92.70	82.00
Ohio	--	--	0.02	0.80	0.70	8.70	--
South Dakota	47.10	15.10	10.90	18.20	30.40	24.40	8.20
Wisconsin	--	--	0.10	3.80	3.20	3.20	2.80
Total	72.80	87.30	73.63	123.40	178.66	146.10	137.00

HARVESTING HARROW

Thousand Acres

1943

1944

Illinois	366.9	662.5
Indiana	144.7	433.5
Iowa	256.0	561.9
Michigan	238.7	397.3
Minnesota	379.9	264.3
Missouri	401.0	704.3
Nebraska	164.9	208.0
Ohio	160.9	455.7
South Dakota	68.7	149.6
Wisconsin	296.6	597.6
Total	3,472.8	4,134.6

FILLING POTHOLES

Cable Yards

1942

1944

Minnesota	4,739
Wisconsin	16,172
Total	20,911

Illinois
Indiana
Iowa
Michigan
Minnesota
Missouri
Nebraska
Ohio
South Dakota
Wisconsin
Total

PERFORMANCE DATA ON FARMS PARTICIPATING IN THE AAA PROGRAMS

CONTOURING INTERTILLED CROPS

	Acreage						
	1938	1939	1940	1941	1942	1943	1944
Illinois	93	58	237	180	1,854	34,148	124,800
Indiana	2,416	4,282	32,419	51,707	174,828	506,228	50,706
Iowa	---	---	---	13	31	588	77,891
Michigan	---	---	---	2,746	798	7,070	29,353
Minnesota	790	430	11,153	48,421	74,166	305,266	428,579
Missouri	1,192	3,997	28,002	178,464	477,849	989,395	7,751
Nebraska	25,122	49,191	128,624	459	577	3,379	84,828
Ohio	---	---	---	---	---	---	---
South Dakota	1,896	6,952	20,562	1/	19,732	56,265	26,640
Wisconsin	12	134	33	154	2,972	8,465	2,457,662
Total	31,621	65,054	219,134	101,689	453,222	1,400,728	2,457,662

1/ No payment offered.

CONTOUR SEEDING OF SMALL GRAIN CROPS

	Thousand Acres						
	1939	1940	1941	1942	1943	1944	
Illinois	---	0.20	0.06	0.30	8.10	102.10	
Indiana	---	---	---	---	1.60	66.90	
Iowa	0.06	1.60	3.40	19.20	56.10	265.50	
Michigan	---	0.04	0.10	0.04	2.50	107.00	
Minnesota	0.40	11.90	6.30	8.30	23.30	67.40	
Missouri	0.80	7.40	11.30	23.50	162.70	268.40	
Nebraska	5.20	19.50	192.30	74.50	203.30	433.80	
Ohio	---	0.08	0.10	0.30	2.70	7.20	
South Dakota	1.60	5.60	37.00	31.80	82.10	177.60	
Wisconsin	---	---	0.08	2.50	41.10	90.70	
Total	7.95	46.30	251.64	160.44	553.50	1,686.60	

CONTOUR STRIP-CROPPING

	Acreage						
	1937	1938	1939	1940	1941	1942	1943
Illinois	---	---	---	1/	1/	1,520	6,506
Indiana	---	---	---	---	---	345	439
Iowa	10	---	---	---	---	15,922	24,154
Michigan	---	---	---	---	---	86	759
Minnesota	720	---	---	---	---	22,731	77,049
Missouri	---	---	---	---	---	380	1,177
Nebraska	264	---	---	---	---	12,138	10,215
Ohio	1,100	---	---	---	---	9,558	25,414
South Dakota	2,029	---	---	---	---	14,326	20,498
Wisconsin	---	---	---	---	---	79,652	137,940
Total	4,234	---	---	---	---	186,707	304,151

1/ Combined with Field Stripcropping.

STRIP-CROPPING NOT ON THE CONTOUR

	Thousand Acres						
	1937	1938	1939	1940	1941	1942	1943
Illinois	---	---	---	1/	1/	0.01	2.30
Indiana	---	0.80	0.20	0.10	0.06	0.04	0.30
Iowa	---	0.01	---	0.10	0.20	0.80	2.70
Michigan	---	---	---	---	---	0.10	0.30
Minnesota	---	---	---	---	---	0.09	0.30
Missouri	---	---	---	---	---	0.10	0.30
Nebraska	45.00	44.80	96.40	124.40	185.50	414.00	450.70
Ohio	---	---	---	---	---	0.02	0.70
South Dakota	112.60	196.70	583.50	895.60	1,120.80	638.80	500.80
Wisconsin	---	---	---	---	---	1,120.80	108.10
Total	155.60	260.70	695.80	1,067.20	1,117.26	1,691.87	1,350.10

1/ Includes Contour Stripcropping.

TERRACES

	Thousand Linear Feet						
	1937	1938	1939	1940	1941	1942	1943
Illinois	130.0	42.3	70.0	130.0	34.2	350.7	323.2
Indiana	---	21.9	5.0	26.0	17.0	4.0	187.9
Iowa	37.0	43.6	21.0	188.0	145.0	605.1	1,653.8
Michigan	---	---	---	9.0	1.6	6.9	22.0
Minnesota	---	---	---	1.0	6.3	---	186.4
Missouri	31.0	2,180.6	1,066.0	3,472.0	2,464.5	4,738.0	5,751.8
Nebraska	216.6	252.3	207.0	785.0	1,234.8	1,027.6	2,081.0
Ohio	---	---	2.0	26.0	9.6	2.0	42.4
South Dakota	3.7	10.7	105.0	254.0	1,419.5	123.2	130.1
Wisconsin	0.1	12.3	2.0	12.0	15.8	170.9	322.7
Total	418.4	2,553.7	1,468.0	4,902.0	5,348.3	7,028.4	10,352.1

CONSTRUCTION OF CHECK DAMS IN GULLIES

	Dams			
	1941	1942	1943	1944
Illinois	27	30	---	---
Indiana	21,069	22,562	---	---
Iowa	95,938	169,487	169,868	---
Michigan	6	51	92	---
Minnesota	993	1,345	2,408	---
Missouri	169,068	360,449	590,571	163,047
Nebraska	46,530	87,631	95,222	---
Ohio	1,866	694	1,453	---
South Dakota	2,700	43,743	75,758	144,968
Wisconsin	1,030	3,187	4,430	5,770
Total	339,217	709,169	958,648	313,785

CONSTRUCTION OF PERMANENT SOD WATERWAYS

	Million Square Feet			
	1940	1941	1942	1943
Illinois	0.19	0.20	3.00	9.68
Indiana	0.24	0.13	0.45	2.83
Iowa	2.00	2.87	7.74	20.69
Michigan	---	0.03	1.14	13.56
Minnesota	0.02	1.42	17.66	93.17
Missouri	0.08	0.07	0.79	41.22
Nebraska	---	0.17	0.96	96.18
Ohio	1.18	0.92	1.14	28.80
South Dakota	---	0.07	0.70	40.58
Wisconsin	3.76	3.47	33.47	621.24
Total	7.47	7.65	56.95	1,810.24

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	Square Yards			
	1941	1942	1943	1944
Illinois	---	18	---	---
Indiana	50	4	---	---
Iowa	---	---	---	---
Michigan	---	---	---	---
Minnesota	10	91	---	---
Missouri	---	---	---	---
Nebraska	1,087	6,025	---	14,672
Ohio	129	225	21	1,284
South Dakota	---	18,374	3,539	10,741
Wisconsin	178	1,466	---	---
Total	1,454	26,203	3,560	26,697